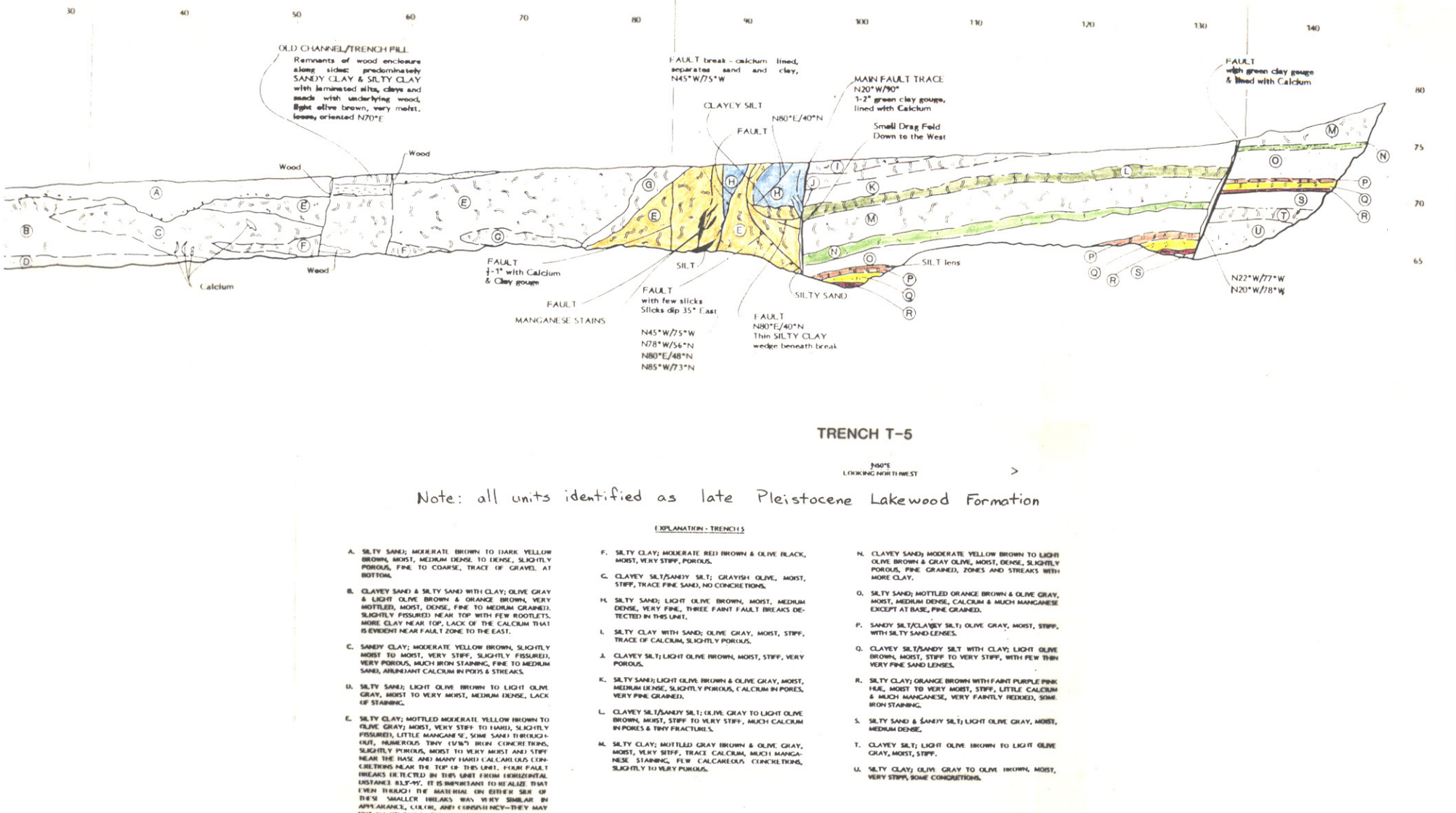

TRENCH T-5

N60°E
LOOKING NORTHWEST >

Note: all units identified as late Pleistocene Lakewood Formation

EXPLANATION - TRENCH 5

A. SILTY SAND; MODERATE BROWN TO DARK YELLOW BROWN, MOIST, MEDIUM DENSE TO DENSE, SLIGHTLY POROUS, FINE TO COARSE, TRACE OF GRAVEL AT BOTTOM.

B. CLAYEY SAND & SILTY SAND WITH CLAY; OLIVE GRAY & LIGHT OLIVE BROWN & ORANGE BROWN, VERY MOTTLED, MOIST, DENSE, FINE TO MEDIUM GRAINED, SLIGHTLY FISSURED NEAR TOP WITH FEW ROOTLETS. MORE CLAY NEAR TOP, LACK OF THE CALCIUM THAT IS EVIDENT NEAR FAULT ZONE TO THE EAST.

C. SANDY CLAY; MODERATE YELLOW BROWN, SLIGHTLY MOIST TO MOIST, VERY STIFF, SLIGHTLY FISSURED, VERY POROUS, MUCH IRON STAINING, FINE TO MEDIUM SAND, ABUNDANT CALCIUM IN PORES & STREAKS.

D. SILTY SAND; LIGHT OLIVE BROWN TO LIGHT OLIVE GRAY, MOIST TO VERY MOIST, MEDIUM DENSE, LACK OF STAINING.

E. SILTY CLAY; MOTTLED MODERATE YELLOW BROWN TO OLIVE GRAY; MOIST, VERY STIFF TO HARD, SLIGHTLY FISSURED, LITTLE MANGANESE, SOME SAND THROUGHOUT, NUMEROUS TINY (1/16") IRON CONCRETIONS, SLIGHTLY POROUS, MOIST TO VERY MOIST AND STIFF NEAR THE BASE AND MANY HARD CALCAREOUS CONCRETIONS NEAR THE TOP OF THIS UNIT. FOUR FAULT BREAKS DETECTED IN THIS UNIT FROM HORIZONTAL DISTANCE 0.5'-9'. IT IS IMPORTANT TO REALIZE THAT EVEN THOUGH THE MAIN RAN ON EITHER SIDE OF THESE SMALLER BREAKS WAS VERY SIMILAR IN APPEARANCE, COLOR, AND CONSISTENCY—THEY MAY NOT ALL BELONG TO THE SAME UNIT.

F. SILTY CLAY; MODERATE RED BROWN & OLIVE BLACK, MOIST, VERY STIFF, POROUS.

G. CLAYEY SILT/SANDY SILT; GRAYISH OLIVE, MOIST, STIFF, TRACE FINE SAND, NO CONCRETIONS.

H. SILTY SAND; LIGHT OLIVE BROWN, MOIST, MEDIUM DENSE, VERY FINE, THREE FAINT FAULT BREAKS DETECTED IN THIS UNIT.

I. SILTY CLAY WITH SAND; OLIVE GRAY, MOIST, STIFF, TRACE OF CALCIUM, SLIGHTLY POROUS.

J. CLAYEY SILT; LIGHT OLIVE BROWN, MOIST, STIFF, VERY POROUS.

K. SILTY SAND; LIGHT OLIVE BROWN & OLIVE GRAY, MOIST, MEDIUM DENSE, SLIGHTLY POROUS, CALCIUM IN PORES, VERY FINE GRAINED.

L. CLAYEY SILT/SANDY SILT; OLIVE GRAY TO LIGHT OLIVE BROWN, MOIST, STIFF TO VERY STIFF, MUCH CALCIUM IN PORES & TINY FRACTURES.

M. SILTY CLAY; MOTTLED GRAY BROWN & OLIVE GRAY, MOIST, VERY STIFF, TRACE CALCIUM, MUCH MANGANESE STAINING, FEW CALCAREOUS CONCRETIONS, SLIGHTLY TO VERY POROUS.

N. CLAYEY SAND; MODERATE YELLOW BROWN TO LIGHT OLIVE BROWN & GRAY OLIVE, MOIST, DENSE, SLIGHTLY POROUS, FINE GRAINED, ZONES AND STREAKS WITH MORE CLAY.

O. SILTY SAND; MOTTLED ORANGE BROWN & OLIVE GRAY, MOIST, MEDIUM DENSE, CALCIUM & MUCH MANGANESE EXCEPT AT BASE, FINE GRAINED.

P. SANDY SILT/CLAYEY SILT; OLIVE GRAY, MOIST, STIFF, WITH SILTY SAND LENSES.

Q. CLAYEY SILT/SANDY SILT WITH CLAY; LIGHT OLIVE BROWN, MOIST, STIFF TO VERY STIFF, WITH FEW THIN VERY FINE SAND LENSES.

R. SILTY CLAY; ORANGE BROWN WITH FAINT PURPLE PINK HUE, MOIST TO VERY MOIST, STIFF, LITTLE CALCIUM & MUCH MANGANESE, VERY FAINTLY REDDED, SOME IRON STAINING.

S. SILTY SAND & SANDY SILT; LIGHT OLIVE GRAY, MOIST, MEDIUM DENSE.

T. CLAYEY SILT; LIGHT OLIVE BROWN TO LIGHT OLIVE GRAY, MOIST, STIFF.

U. SILTY CLAY; OLIVE GRAY TO OLIVE BROWN, MOIST, VERY STIFF, SOME CONCRETIONS.

Figure 5 (to FER-173). Log of trench T-5 excavated by Ruff and Hannan (1984) along the Avalon-Compton fault. Refer to figures 2b and 3b for location of trench.